

L4 ANSWER 1 OF 1 DGENE (C) 2002 THOMSON DERWENT

Full TextAN AAC78509 cDNA DGENE

TI Novel PRO polypeptides and polynucleotides used in detection methods, to target bioactive molecules to specific cells, and to modulate cellular activities -

IN Ashkenazi A J; Baker K P; Botstein D; Desnoyers L; Eaton D L; Ferrara N; Filvaroff E; Fong S; Gao W; Gerber H; Gerritsen M E; Goddard A; Godowski P J; Grimaldi C J; Gurney A L; Hillan K J; Kljavin I J; Kuo S S; Napier M A; Pan J; Paoni N F; Roy M A; Shelton D L; Stewart T A; Tumas D; Williams P M; Wood W I

PA (GETH) GENENTECH INC.

PI WO-200053756 A2 20000914

636p

AI 2000WO-US04341 20000218

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1999US-0123957 19990312

1999US-0126773 19990329

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1999WO-US31243 19991230

1999WO-US31274 19991230

2000WO-US00219 20000105

2000WO-US00277 20000106

2000WO-US00376 20000106

PSL Claim 2; Fig 90

DED 08 FEB 2001 (first entry)

DT Patent

LA English

OS 2000-611443 [58]

CR P-PSDB: AAB44279

DESC Human PRO873 (UNQ440) nucleotide sequence SEQ ID NO:253.

KW Human; secreted protein; transmembrane protein; PRO; EST; cytostatic; expressed sequence tag; detection; cancer; ss.

ORGN Homo sapiens.

AB AAC78458 to AAC78599 represent polynucleotide and EST (expressed sequence tag) sequences which encode secreted or transmembrane PRO polypeptides. The PRO polynucleotides and polypeptides have cytostatic activity. The polynucleotides and polypeptides can be used for detecting the presence of PRO polypeptides in samples, for linking bioactive molecules to cells and for modulating biological activities of cells, using the polypeptides for specific targeting. The polypeptide targeting can be used to kill the target cells, e.g. for the treatment of cancers. The polypeptide pairs provide specific targeting of bioactive molecules to cells. AAC78600 to AAC78987 represent PCR primers and probes used in the isolation of the PRO polynucleotide sequences.

NA 528 A; 719 C; 666 G; 543 T; 0 other

SQL 2456

SEQ

1 cgccgcgcgtt ggggctggaa gttcccgcca ggtccgtgcc gggcgagaga
 51 gatgctgccc ggccgcctc ggctttgagg cgagagaagt gtcccagacc
 101 catttcgcct tgctgacggc gtcgagccct ggccagacat gtccacaggg

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1 cgccgcgcgtt ggggctggaa gttcccgcca ggtccgtgcc gggcgagaga
51 gatgctgccc ggccgcctc ggctttgagg cgagagaagt gtcccagacc
101 catttcgcct tgctgacggc gtcgagccct ggccagacat gtccacaggg

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STN Columbus

151 ttctccttcg ggtccgggac tctgggctcc accaccgtgg ccgcggcg
 201 gaccagcaca ggcgcggttt tctccttcgg aacgggaacg tctagcaacc
 251 cttctgtggg gotcaatttt ggaaatcttg gaagtacttc aactccagca
 301 actacatctg ctccctcaag tggttttgga accgggctct ttggatctaa
 351 acctgccact gggttcactc taggaggaac aaatacaggt gccttgaca
 401 ccaagaggcc tcaagtggtc accaaatatg gaacctgca aggaaaacag
 451 atgcatgtgg ggaagacacc catccaagtc tttttaggag tccccctctc
 501 cagacctcct ctaggtatcc tcaggtttgc acctccagaa cccccggagc
 551 cctggaagg aatcagagat gctaccacct acccgctgg atggagtctc
 601 gctctgtcgc caggctggag tgcagtggca cgatctcggc tcaactgcaac
 651 ctccgectcc cgggttcaag cgagtctcct gcctcagcct ctgagtgtct
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 1101 gttcgccag tcggcgggg ccatgagcat ctcaggactg atgatgtcac
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 1401 catgagccct gtggtgatg gtgtggtgat ccagatgac ctttgggtgc
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 2201 tcttatggga ggtcgacca gactgccact gccctgtca ctgcaccag
 2251 cttggcattt accatccatc ctgctcaacc ttgttctgt ctgttcacat
 2301 tggcctggag gcctagggca ggtgtgaca tggagcaaac ttttggtagt
 2351 ttgggatctt ctctcccacc cacacttatc tccccaggg cactccaaa
 2401 gtctatacac aggggtggtc tcttcaataa agaagtgttg attagaaaa
 2451 aaaaaa